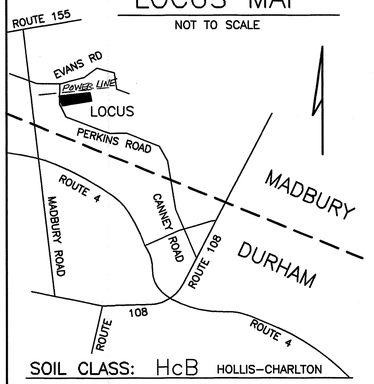
LOCUS MAP

NOT TO SCALE



SOIL CLASS: HcB HOLLIS–CHARLTON

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = SUBDIVISION PLANS

#1	SET NAIL ROOT MAPLE EL 109.55
#2	SET NAIL ROOT OAK EL 112.19
#3	SET NAIL 0.7' UP OAK EL 111.32
#4	SET NAIL ROOT BIRCH EL 115.14

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 110.5
2. BB ELEV IS APPROX 12" ABOVE EL 109.5 = ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

SUITABLE REPLACEMENT AREA:

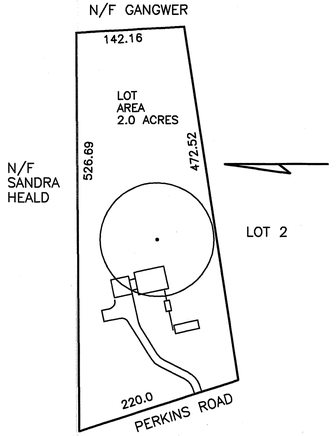
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: SCRD PLAN 62–74
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: SA2001002514
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.

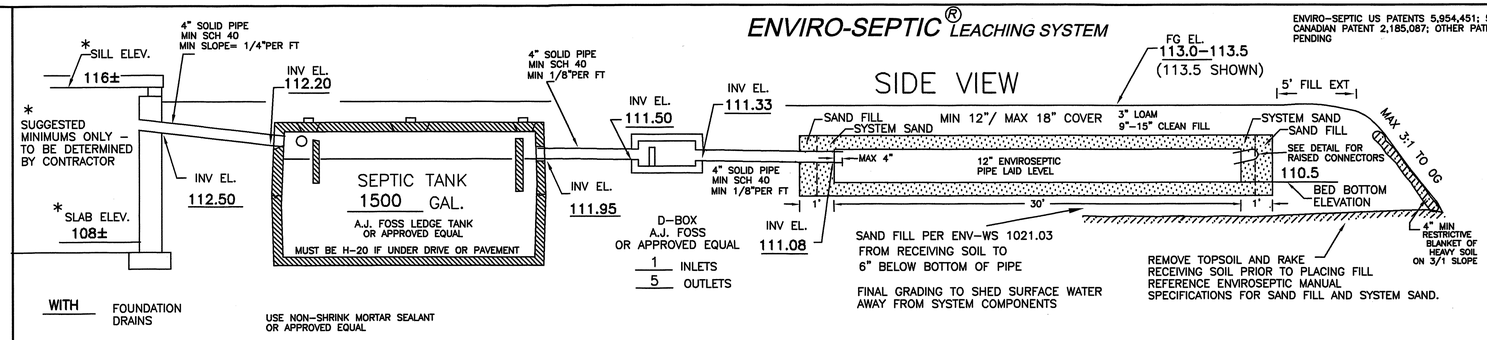


PLOT PLAN

1"=APPROX 100'

ENVIRO-SEPTIC® LEACHING SYSTEM

ENVIRO–SEPTIC US PATENTS 5,954,451; 5,606,786
CANADIAN PATENT 2,185,087; OTHER PATENTS PENDING

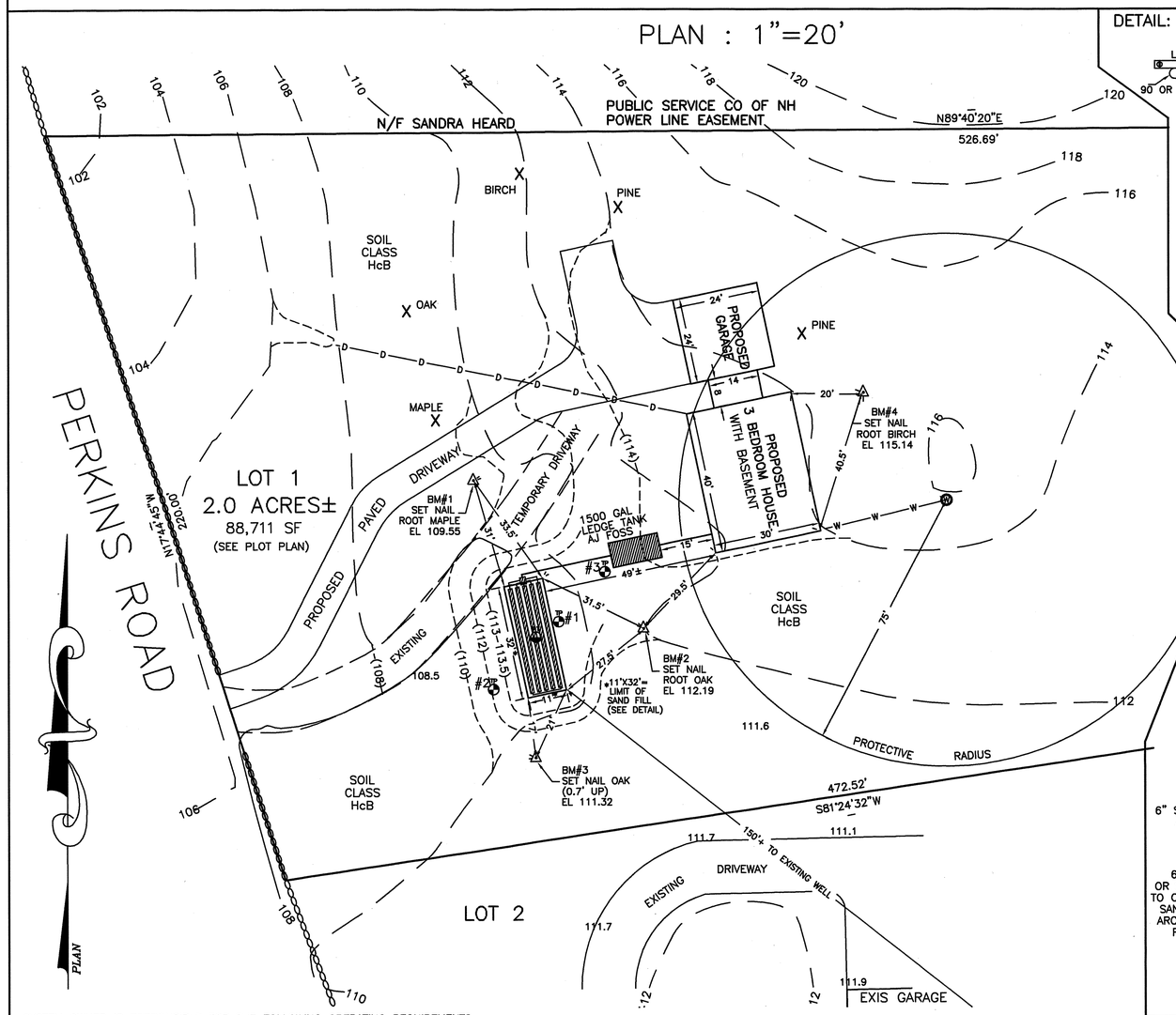

SIDE VIEW
* SILL ELEV. 116±
4" SOLID PIPE MIN SCH 40 MIN SLOPE= 1/4"PER FT
INV EL. 112.20
* SUGGESTED MINIMUMS ONLY – TO BE DETERMINED BY CONTRACTOR
INV EL. 112.50
* SLAB ELEV. 108±
SEPTIC TANK
1500 GAL.
A.J. FOSS LEDGE TANK OR APPROVED EQUAL
MUST BE H–20 IF UNDER DRIVE OR PAVEMENT
WITH FOUNDATION DRAINS
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL
4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
INV EL. 111.50
INV EL. 111.95
D–BOX A.J. FOSS OR APPROVED EQUAL
1 INLETS
5 OUTLETS
INV EL. 111.33
INV EL. 111.08
4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
SAND FILL
SYSTEM SAND
MIN 12"/ MAX 18" COVER
3" LOAM 9"–15" CLEAN FILL
MAX 4"
12" ENVIROSEPTIC PIPE LAID LEVEL
1'
30'
1'
SAND FILL PER ENV–WS 1021.03 FROM RECEIVING SOIL TO 6" BELOW BOTTOM OF PIPE
FINAL GRADING TO SHED SURFACE WATER AWAY FROM SYSTEM COMPONENTS
FG EL. 113.0–113.5
(113.5 SHOWN)
5' FILL EXT
SYSTEM SAND
SAND FILL
SEE DETAIL FOR RAISED CONNECTORS
110.5
BED BOTTOM ELEVATION
MAX 3:1 TO 0G
4" MIN RESTRICTIVE BLANKET OF HEAVY SOIL ON 3/1 SLOPE
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL REFERENCE ENVIROSEPTIC MANUAL SPECIFICATIONS FOR SAND FILL AND SYSTEM SAND.

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

MANUFACTURER'S NOTES

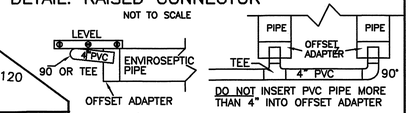
1) SYSTEM TO BE INSTALLED IN ACCORDANCE WITH PRODUCT DESIGN AND INSTALLATION MANUAL, STATE AND LOCAL REGULATIONS. FOR PRODUCT INFORMATION OR THE NEAREST DEALER CONTACT PRESBY ENVIRONMENTAL, INC. ROUTE 117 – PO BOX 617 SUGAR HILL, NH 03585 – PHONE 1–800–473–5298 – WWW.PRESBYENVIRONMENTAL.COM
2) MINIMUM OF 6" OF MEDIUM TO COARSE SAND WITH LESS THAN 2% PASSING A # 200 SIEVE REQUIRED AROUND CIRCUMFERENCE OF ENVIRO–SEPTIC PIPES. (SEE DESIGN AND INSTALLATION MANUAL FOR COMPLETE SAND AND FILL SPECIFICATIONS.)
3) INSTALLER ADVISED TO CONTACT DIG SAFE PRIOR TO CONSTRUCTION.
4) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAVE SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.
5) NO DRAINS, HOT TUBS, SAUNAS, GARBAGE DISPOSALS ETC.. SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.
6) MAINTENANCE: RECOMMEND INSPECTION OF SEPTIC TANKS AT LEAST ONCE EVERY TWO YEARS AND CLEAN IF COMBINED THICKNESS OF SLUDGE AND SCUM EQUALS MORE THAN 1/4 OF THE LIQUID DEPTH INSIDE THE TANK.

PLAN : 1"=20'



DETAIL: RAISED CONNECTOR

NOT TO SCALE

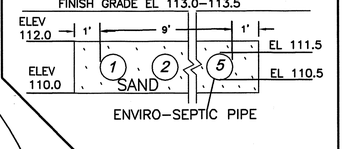


DO NOT INSERT PVC PIPE MORE THAN 4" INTO OFFSET ADAPTER

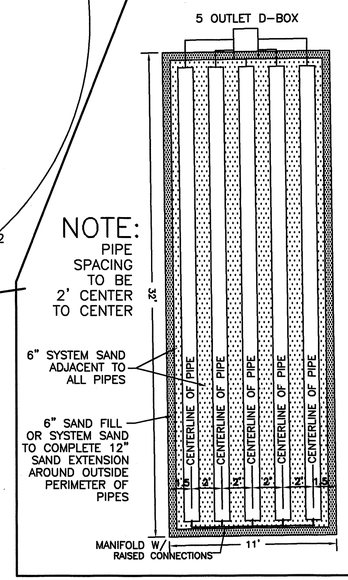
END VIEW

(LEVEL DISPOSAL AREA)

NUMBER OF ENVIRO–SEPTIC LINES: 5
CENTER–TO–CENTER PIPE SPACING: 2'



DETAIL: 1"=5'



NOTE: PIPE SPACING TO BE 2' CENTER TO CENTER

TEST PIT DATA

DATE: FEBRUARY 8, 2005
TOWN INSPECTOR: N/A

TEST PIT #1 ELEV 109.5

0 – 6"	10YR3/4 FSL, TOPSOIL (TO BE REMOVED)
6 –24"	10YR5/6 LOAMY MEDIUM SAND, GRANULAR FRIABLE TO LOOSE
24–52"	2.5Y5/4 SILTY FINE SANDY LOAM, MOTTLED, MASSIVE FIRM
52–64"	2.5Y6/6 FINE SAND, GRANULAR FRIABLE

ESHWT @ 24", NO OBS H2O, NO REFUSAL, ROOTS TO 3'+

TEST PIT #2 ELEV 109.3

0 – 6"	10YR3/4 FSL, TOPSOIL TO BE REMOVED
6 –30"	10YR5/6 LOAMY SAND, GRANULAR FRIABLE
30–48"	2.5Y5/4 VERY FINE SANDY LOAM WITH SILTS, MOTTLED, MASSIVE, FIRM

ESHWT @ 30", REFUSAL @ 48" (LEDGE), NO OBS H2O, ROOTS TO 48"

TEST PIT #2 ELEV 109.3

0 – 6"	10YR3/4 FSL, TOPSOIL (TO BE REMOVED)
6 –24"	10YR5/6 LOAMY MEDIUM SAND, GRANULAR, FRIABLE TO LOOSE
24–60"	2.5Y5/4 SILTY FINE SANDY LOAM, MOTTLED MASSIVE FIRM
60–64"	2.5Y5/6 FINE SAND, GRANULAR FRIABLE

ESHWT @ 24", NO OBS H2O, NO REFUSAL, ROOTS TO 3'+

PERC TEST DATA

DATE: FEBRUARY 19. 2005
PERC RATE: 5 MIN/IN DEPTH: 24"
DESIGN LOADING: 3 BEDROOMS
AREA REQUIRED: 135 LINEAR FEET ENVIRO–SEPTIC
AREA PROPOSED: FOR SYSTEM LENGTH 30' WITH 2' CENTER TO CENTER SPACING, WIDTH TO LIMIT OF PIPES = 9' FOR TOTAL SAND BED AREA=11'X32'

PROPOSED ENVIRO–SEPTIC

SEPTIC SYSTEM PLAN

LOCUS: 126 PERKINS ROAD
MADBURY, NH

OWNER: MATTHEW GIANINO
10 LISA BETH CIRCLE
DOVER, NH 03820

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
Ann W. Bialobrzeski No. 348
Certified Septage & Domestic Septage

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 2/26/04
APPROVAL: CA2005070160

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER. SEE MANUFACTURER'S NOTE 6
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.